

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1-14 (Cancelled)

15. (Previously presented) A composition comprising at least one polyamide matrix and a dispersed phase composed of at least one impact modifier, said dispersed phase containing at least one electrically conductive filler.

16. (Previously presented) The composition as claimed in claim 15, comprising from 0.1 to 40% by weight of electrically conductive fillers relative to the total weight of the composition.

17. (Previously presented) The composition as claimed in claim 15, comprising from 0.1 to 70% by weight of impact modifiers relative to the total weight of the composition.

18. (Previously presented) The composition as claimed in claim 15, wherein the electrically conductive fillers are: carbon black, a metal, an antistatic agent, graphite, glass or a mineral filler coated with a metal layer.

19. (Previously presented) The composition as claimed in claim 15, wherein the electrically conductive fillers carbon black; carbon fibers; carbon spheres, carbon microspheres; carbon nanotubes; steel spheres, steel microspheres, steel fibers, aluminum spheres, aluminum microspheres, aluminum fibers or polyetheramides.

20. (Previously presented) The composition as claimed in claim 15, wherein the impact modifier is an elastomer.
21. (Previously presented) The composition as claimed in claim 15, wherein the impact modifier is: ethylene-propylene copolymer (EP), ethylene-propylene-diene terpolymer (EPDM), styrene/maleic anhydride copolymers (SMA), ultra-low-density polyethylene (ULDPE), linear low-density polyethylene (LLDPE), styrene/ethylene-butadiene/styrene copolymer (SEBS), polypropylene (PP), acrylic elastomers (such as polyacrylic elastomers), ionomer elastomers, acrylonitrile-butadiene-styrene terpolymer (ABS) or acrylic-styrene-acrylonitrile terpolymer (ASA).
22. (Previously presented) The composition as claimed in claim 15, wherein the polyamide matrix is composed of at least one polyamide chosen from polyamides: 6; 6,6; 4,6; 6,10; 6,12; 11 and/or 12; or blends thereof;
 - copolyamides: 6/6,6; 6/6,9; 6/6,10; 6/6,18 and/or 6/6,36; or blends thereof;
 - and/or
 - blends of polyamides: 6 and 6,6; 6 and 6/6,18; 6 and 6/6,36; 6 and 6/6,10; or blends thereof.
23. (Previously presented) A process for producing a composition as defined in claim 15, comprising the steps of:
 - a) blending at least one impact modifier with at least one electrically conductive filler, so as to obtain a masterbatch; and

- b) blending the masterbatch obtained in step a) with at least one polyamide matrix.

24. (Previously presented) A masterbatch to be incorporated into a polyamide-matrix-based composition and comprising at least one electrically conductive filler and at least one impact modifier.

25. (Previously presented) The masterbatch as claimed in claim 24, comprising from 20 to 60% by weight of electrically conductive fillers relative to the total weight of the masterbatch.

26. (Previously presented) The masterbatch as claimed in claim 24, comprising from 20 to 80% by weight of impact modifiers relative to the total weight of the masterbatch.